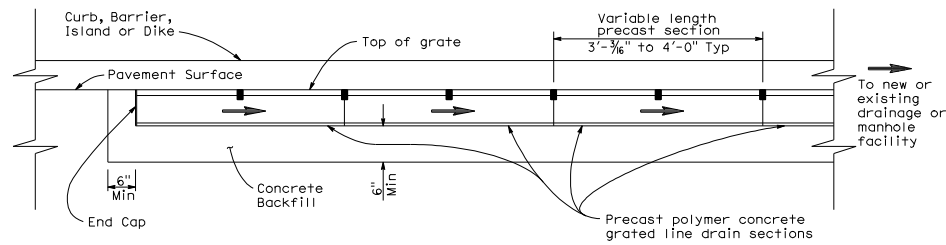
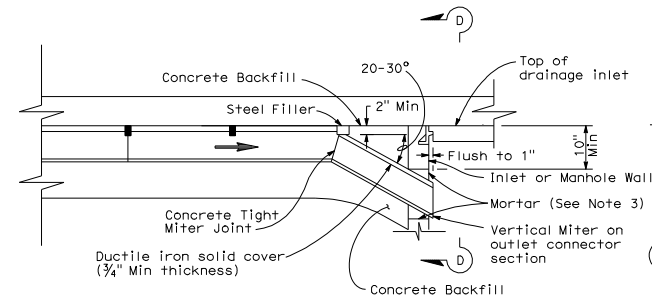
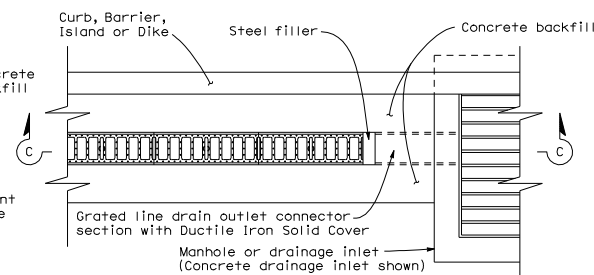
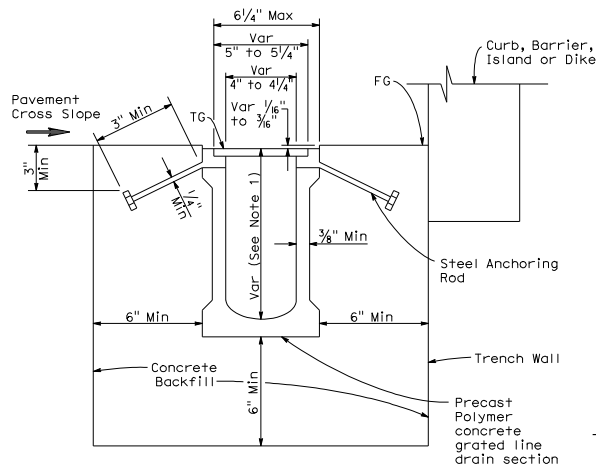


GRATED LINE DRAIN PLAN

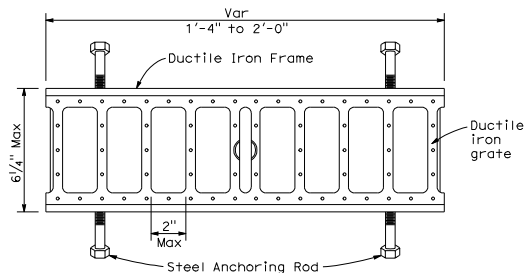
SECTION A-A
(See Note 1)

SECTION C-C

SECTION D-D



SECTION B-B

(Precast grated line drain with non-integral frame)
See Note 6

GRATED LINE DRAIN FRAME AND GRATE DETAIL

See Notes 4, 5, 6 and 7

NOTES:

1. Precast polymer concrete drain sections are available in non-sloped uniform depth sections 4 1/8" to 12" or in 0.6 percent pre-sloped sections with graduated depths from 4 1/8" to 12". See Project Plans for trench sections to be installed.
2. Nominal dimensions shown. Allowable tolerance $\pm 2\%$.
3. For GMP inlet connection, field joint sealed with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1 1/2 part SSI emulsified asphalt).
4. Within designated pedestrian paths of travel, the maximum grate opening in the direction of pedestrian traffic shall be 1/2".
5. Grate patterns may vary from detail shown. See Special Provisions for requirements.
6. Steel anchoring rods not used when frame is integral with polymer concrete grated line drain section.
7. 3/8" maximum gap between adjacent gratings.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**GRATED LINE
DRAIN DETAILS**

NO SCALE

D98C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Paul R. Davies
 REGISTERED CIVIL ENGINEER
 No. C52193
 Exp. 12-31-06
 CIVIL
 STATE OF CALIFORNIA

May 1, 2006
 PLANS APPROVAL DATE
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